

## **Abstract**

The present invention relates to a novel constructional principle for electric heaters, wherein the functions of frame and resilient means are separated from one another.

5 As a frame for an electric heater, a housing is used that consists of two half-shells.

Positioning aids for the PTC heating elements are arranged in the housing. The longitudinal sides of the housing are essentially made open to allow for air throughput through the heating register. A resilient device is additionally inserted into the housing, the resilient device compressing the layered structure of radiator elements,

10 PTC heating elements and contact sheets. After the heater has been assembled, the resilient device can be inserted through a lateral opening into the heater.